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5/1/01U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

I. HEADING

DATE: 1 MAY 2001

SUBJECT: Seymour of Sycamore Site

FROM: Stavros Emmanouil, Steve Faryan, Walter Nied, On-Scene Coordinator (OSC), U.S. EPA, ERB-RS2, Chicago, IL

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POLREP NO: POLREP 3 Last and Final - VOLUNTARY CLEANUP PRP LEAD

II. BACKGROUND

See Initial FOLREP.

III. SITE DESCRIPTION

See Initial FOLREP.

IV. RESPONSE INFORMATION

A. Situation1) Current Situation

On 20 March 2001, U.S. EPA OSC, Steve Faryan responded to the NRC Report # 559977 pertaining to the release of an unknown amount of Acetone and Toluene from and underground 1 inch solvent line at the Seymour of Sycamore plant. As of March 2001, the environmental clean-up contractor SET was hired by Seymour of Sycamore and had removed 350,000 gallons of water and solvent mixture and approximately 200 cubic yards of soil which was staged in roll-off boxes. The release occurred in the immediate area of a school playground and 200 feet from the sycamore municipal drinking water well. The On-Scene coordinator determined that the release of solvent to the soil and groundwater presented and imminent and substantial endangerment and warrants appropriate removal action as set forth in paragraph (b) of Section 300.145 of the National Oil and Hazardous Substances Contingency Plan (NCP). The

On 26 March 2001, U.S. EPA OSC Stavros Emmanouil left site and OSC Walter Nied arrived on site. OSC Walter Nied continued PRP oversight of immediate removal. U.S. EPA relinquished oversight to this removal to Illinois EPA, Mr. Jim Clark, on 6 April 2001. IEPA will supervise the completion of the removal action which will be conducted under the voluntary clean-up program using the TACO cleanup regulations.

2) Removal Actions Taken to Date

The following activities were conducted from 26 March through 6 April 2001:

- On 26 March 2001, city water department of Sycamore collected water samples from the city municipal well (well #6). PRP contractors split samples while EPA / START conducted sampling oversight. Samples were analyzed for volatile organic compounds (VOCs) and all results were below laboratory detection limits.
- Also on 26 March 2001, PRP contractors collected samples from the two remediation groundwater wells for VOCs analysis. EPA/ START conducted sampling oversight. The north sump contained 212 parts per million (ppm) of acetone.
- On 27 March 2001, PRP contractor collected water samples for VOC analysis from sanitary sewer on site. The highest detected concentration was 24 parts per billion (ppb) for acetone and 6.9 ppb for toluene.
- On 28 March 2001, PRP contractor collected soil samples from the school playground for VOC analysis. The School playground is located approximately 50 yards north west of the ravine. EPA conducted oversight. The results were below the laboratory detection limits for all samples.
- On 28 March 2001, two 600-gallon concrete sumps were installed in the ravine to collect contaminated storm water.
- PRP contractor continued pumping contaminated water from the ravine into five 20,000-gallon holding tanks (100,000 gallons total capacity).
- PRP contractor continued pumping contaminated water from the excavation pit (spill location), surfacewater (ravine), and well water (purged into the excavation pit) into 5000-gallon tank trucks.
- PRP contractor continued excavating soils from spill area. Fifty Four each, 20-cubic yard roll-off boxes of solid waste from the excavation were generated to date. The roll-off boxes were sampled and 27 required disposal at Ross Incineration, Grafton, Ohio. To date, nine roll-off boxes have been transported for disposal.
- On 30 March 2001, a site meeting was held with the Illinois EPA, Illinois Attorney General, U.S. EPA, and PRP Representatives and discussed the duration of U.S. EPA/START personnel on site, and Illinois EPA taking over the oversight responsibilities for the project. Scope of remediation was also discussed, which including the installation of monitoring wells.
- On 31 March 2001, PRP contractor started pumping the remediation ground water well. U.S. EPA and START have been overseeing the purging of the ground water remediation wells (conducted 10 minutes a day, yielding over 700 gallons per day).
- On 31 March 2001, PRP contractor collected samples from sludge in storm drainage pipe (10.4 ppm) for toluene, top and bottom piece of pipe (83.5 ppb) for toluene, and soil underneath pipe at spill excavation area (13.5 ppb) for toluene. Water samples were also collected from the holding tanks to determine proper disposal. Analytical results found 6.9 ppb for acetone.
- All the accessible debris was removed from the ravine area to allow for the excavation to occur.
- On 3 April 2001, excavation of ravine started. Sediment was being stock piled on site (contained/lined area) by the ravine and then transferred into dump trucks (23 tons) for disposal at Environmental Quality, Inc. (EQ) in Belvedere, Illinois. A total of 8 trucks were loaded and shipped on 4 April 2001, and 7 trucks on 5 April 2001.
- On 4 April 2001, PRP contractors collected samples from the excavated areas in the ravine. Completion of the excavation areas will be verified using these analytical results, until the levels are below the IEPA TACO clean-up criteria.
- On 5 April 2001, U.S. EPA reviewed groundwater sump design for the spill extraction pit area.
- On 5 April 2001, two full holding tanks emptied liquid in the sanitary sewer. PRP received permission from the State and Municipal Sanitary Plant.
- On 6 April 2001, U.S. EPA relinquished oversight to the IEPA, Mr. Jim Clark for monitoring and oversight under the State of Illinois voluntary cleanup program.

3) Enforcement

U.S. EPA will seek to recover costs associated with the oversight of this removal action.

B. Planned Removal Activities

Continue excavation of ravine and investigating spill area. PRP will hire a remediation contractor to install monitoring wells. U.S. EPA relinquished oversight of this voluntary action to the Illinois EPA. for oversight of the long term remediation effort.

C. Next Steps

- Continue to excavate asphalt area, following the catch basin line (east), to identify an endpoint to the leak (PRP).
- A special underwater camera will be used inside the storm water drainage pipe to view visible contamination. A Jet-spray will be placed in storm water drainage pipe to clean the pipe line. (PRP)
- Continue pumping storm water from the sumps (PRP).
- Continue excavating contaminated sediment from the ravine and associated sampling (PRP).
- Continue sampling ravine and spill area (PRP).
- Install monitoring wells (PRP).
- Conduct oversight of the PRP removal (Illinois EPA)
- Install ground water collection sump in the spill area (PRP).

D. Key Issues

Results from city well were below the drinking water standards. Installing monitor wells for possible early detection.

V. COST INFORMATION

Estimated contractor costs as of April 4, 2001:

	<u>Amount Budgeted</u>	<u>Amount Spent</u>	<u>Remaining</u>
Weston START	\$ 11,200	\$ 8000	\$ 3200
U.S. EPA		\$15,000	

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report is written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

SEYMOUR SITE WASTE DISPOSAL SUMMARY TABLE						
WASTE STREAM	MEDIUM	QUANTITY	DATE SHIPPED	TREATMENT	DISPOSAL FACILITY	MANIFEST #
Paint related waste in water, N.O.S., 3, UN1263, PGII, (D001, F003, F005) (Toluene, Xylene, Acetone)	Liquid wastes	5700 gal	03/21/01	Treatment on site	Clean Harbor Services Inc. 11800 S. Stony Island Ave. Chicago, IL, 60617	IL9349616-21 IL9273398
		5500 gal	3/22/01			

SEYMOUR SITE WASTE DISPOSAL SUMMARY TABLE						
WASTE STREAM	MEDIUM	QUANTITY	DATE SHIPPED	TREATMENT	DISPOSAL FACILITY	MANIFEST #
RQ waste flammable liquids. N.O.S., (Toluene, Naphtha) UN1993 PGIL (D001, F005, F008, D035)	Liquid wastes	4729 gal 5120 gal 5000 gal 5471 gal 5100 gal	03/22/01	Treatment on site	Clean Harbor Services Inc. 11800 S. Stoney Island Ave. Chicago, IL, 60617	IL9352509-12 IL9352506 IL8521080
RQ waste flammable liquids. N.O.S., (Toluene, Naphtha) UN1993 PGII (D001, F005, F008, D035)	Liquid wastes	5200 gal 5300 gal 5000 gal 4700 gal 5100 gal 5231 gal 5100 gal 4000 gal 5100 gal 5102 gal 5000 gal 4000 gal 5000 gal 5303 gal	03/22/01 03/25/01 03/26/01 03/27/01 03/28/01 03/29/01 03/30/01 03/31/01 04/01/01 04/04/01	Treatment on site	Beaver Oil CO. 6032 Benzi Ave Hodgkins, IL 60525	IL9352525 IL7670618 IL9352541 IL9352524 IL9352521 IL9352523 IL9352516 IL9352514 IL9273397 IL9352513 IL9273396 IL9273404 IL9273400 IL9352515 IL9352501 IL9352502 IL9352617
RQ waste flammable liquids. N.O.S., (Toluene, Naphtha) UN1993 PGII (D001)	Liquid wastes	825 gal 385 gal	03/26/01 04/02/01	Treatment on site	Treatment ONF 5743 Cheswood street Houston, TX 77087	02162172 02162162
RQ Hazardous waste solids N.O.S NA3077 PGII	Solid waste	15 yards 16 yards 20 yards 16 yards 20 yards 16 yards 20 yards	03/27/01 03/28/01 03/29/01	Incineration	VON RONROLL America 1250 E. Saint George St. Ohio	IL9352538 IL9352546 IL9352547 IL9352551 IL9352550 IL9352580 IL9352549 IL9352552 IL9352556 IL9352555 IL9352581 IL9352578 IL9352579
RQ Hazardous waste solids N.O.S NA3077 PGII (D035, F003, F005)	Solid waste	20 yards 16 yards	03/29/01 03/30	Incineration	Ross Incineration 394 Giles RD Grafton, OH 44044	IL9352575 IL9352574 IL9352571 IL9352568 IL9352576 IL9352570

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WASTE STREAM	MEDIUM	QUANTITY	DATE SHIPPED	TREATMENT	DISPOSAL FACILITY	MANIFEST #
RQ Hazardous waste solids N.O.S NA3077 PGII (D035)	Solid waste	23 Tons	04/04/01	Incineration	Michigan Disposal Waste 49350 N. I-94 Service Dr. Belleville, MI 48111	MI8121513
						MI8121514
						MI8121515
						MI8121516
						MI8121517
						MI8121518
						MI8121519
						MI8121520
						MI8121521
						MI8121522
						MI8121523
						MI8121514
						MI8121525
		MI8121526				
		MI8121527				
		24 Tons	04/05/01			
		25 Tons				
		23 Tons				